

FIG. 1 PRIOR ART

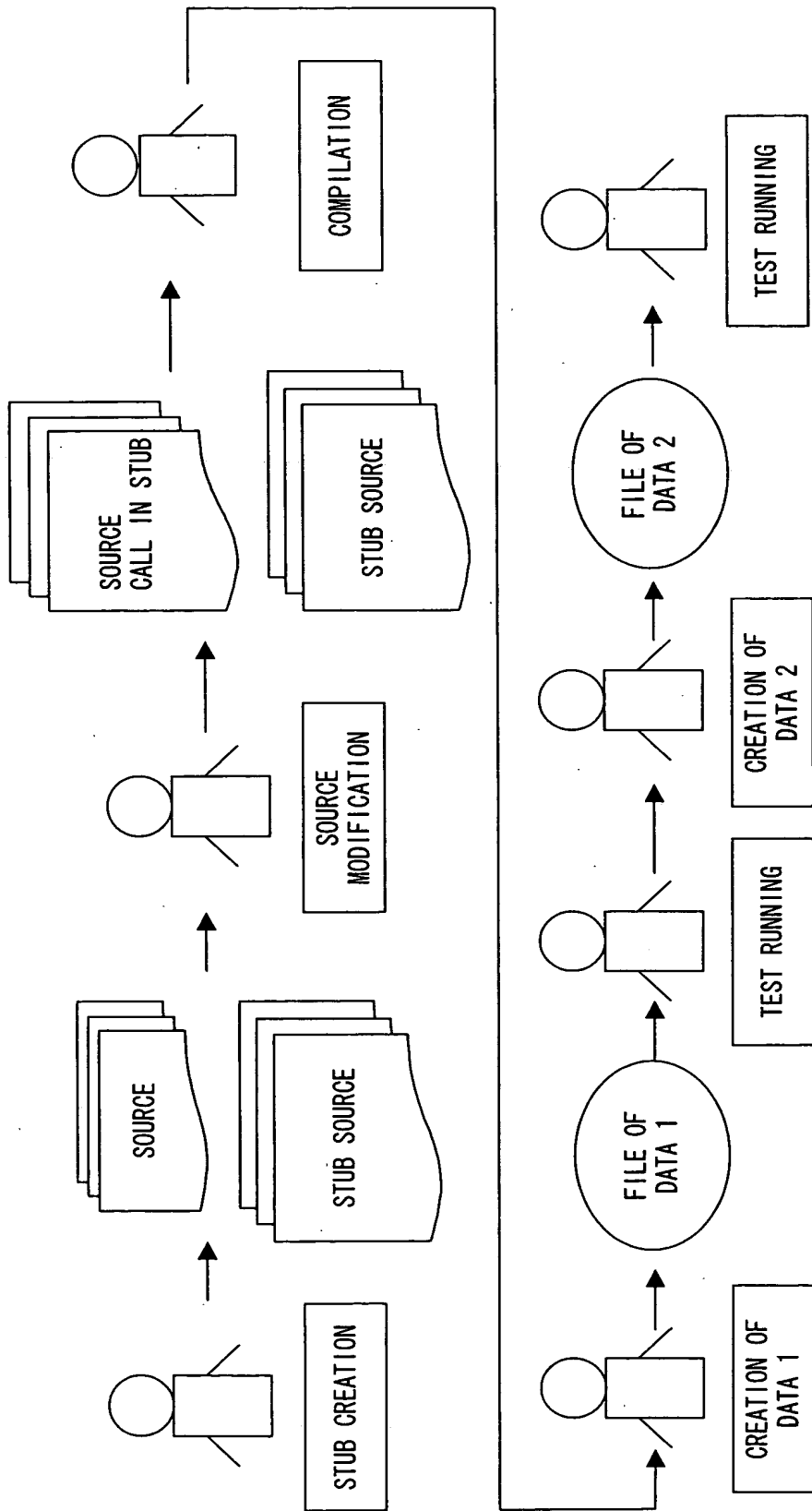


FIG. 2 PRIOR ART

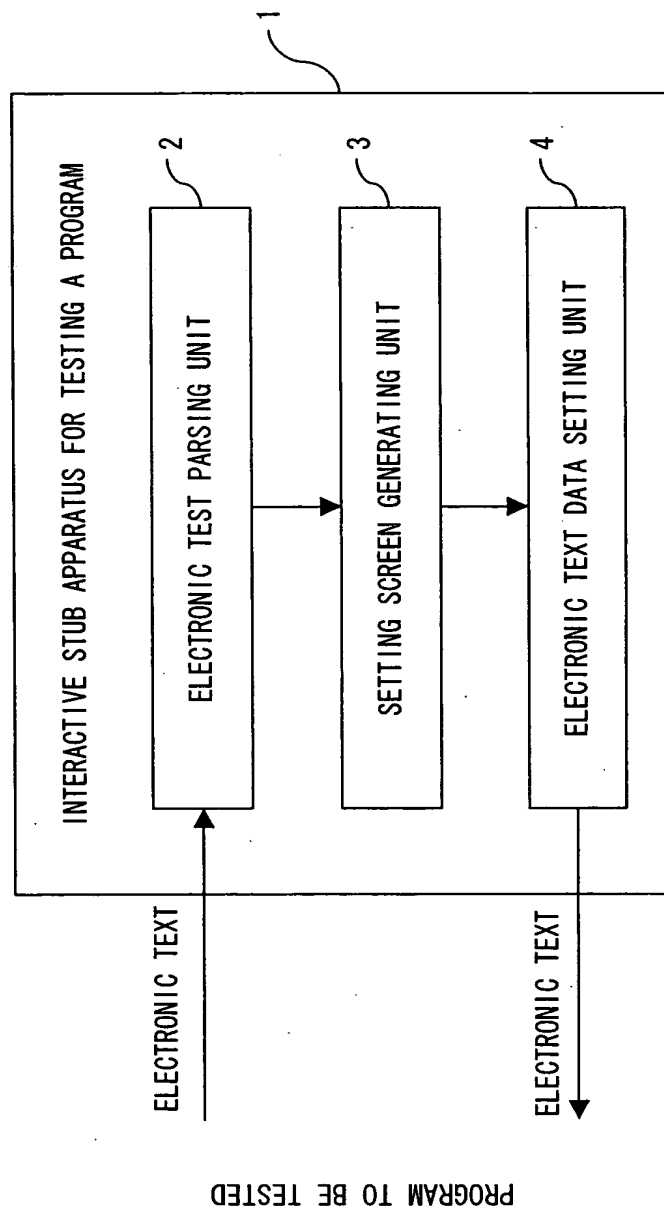


FIG. 3

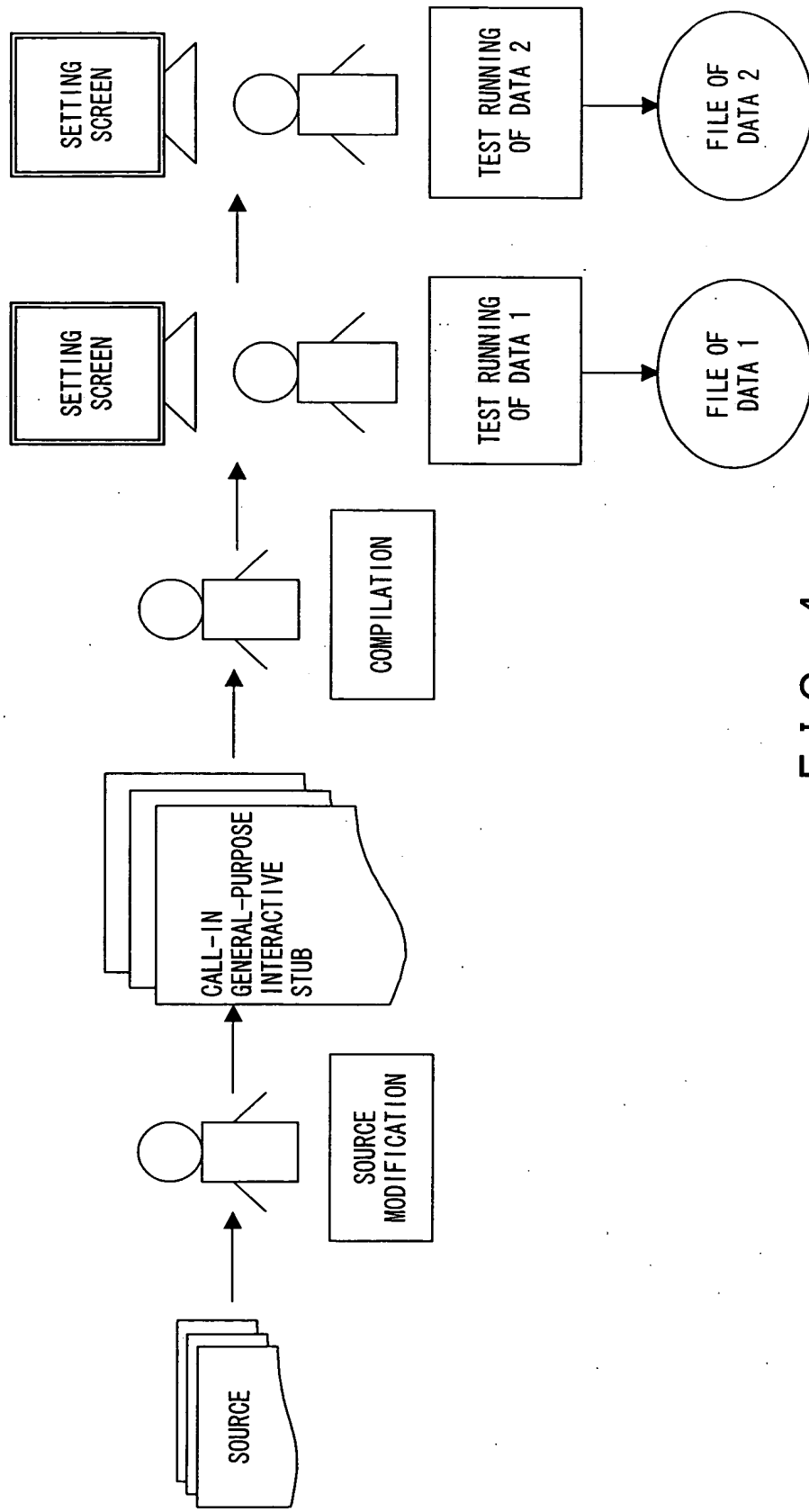


FIG. 4

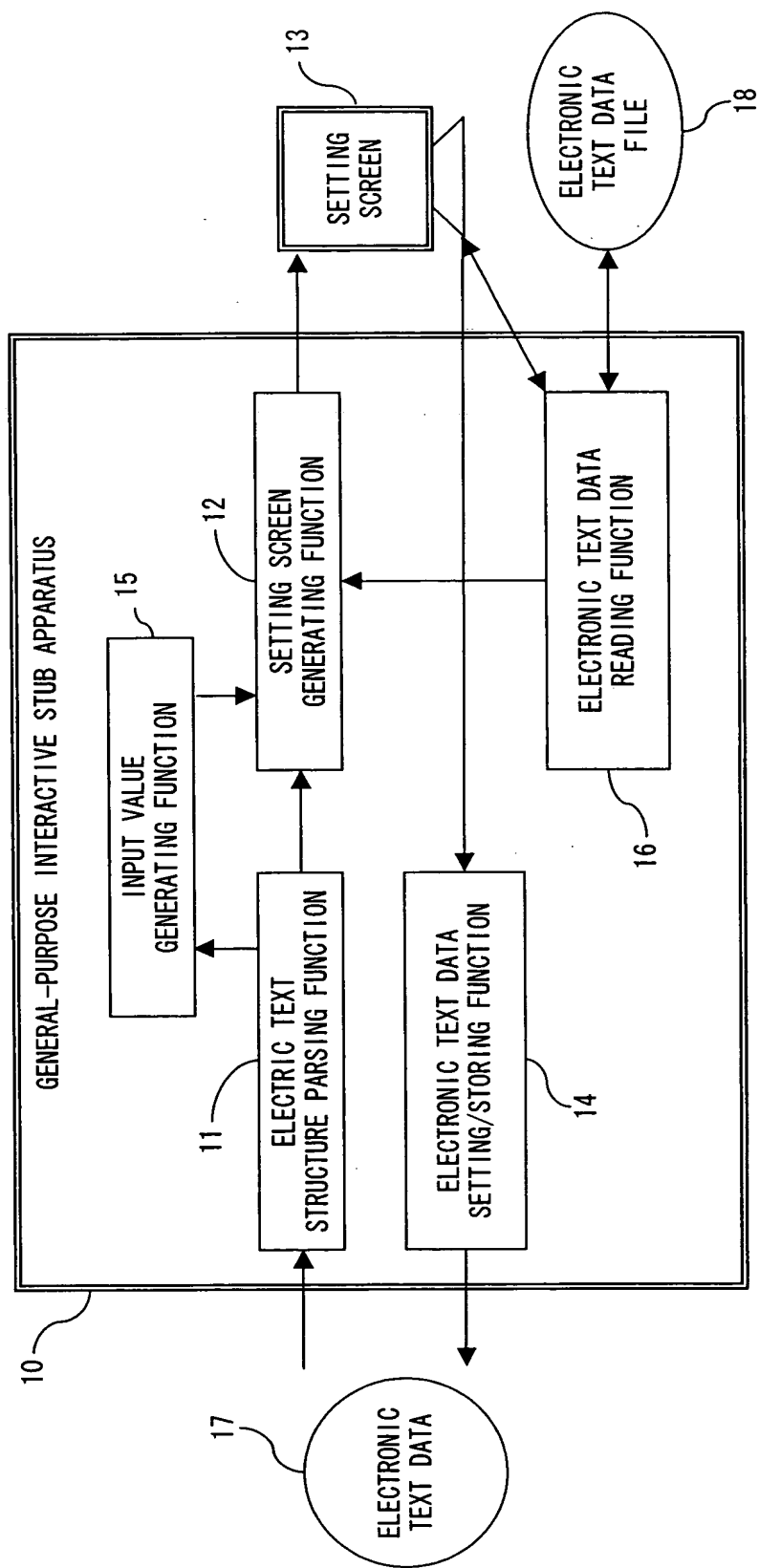
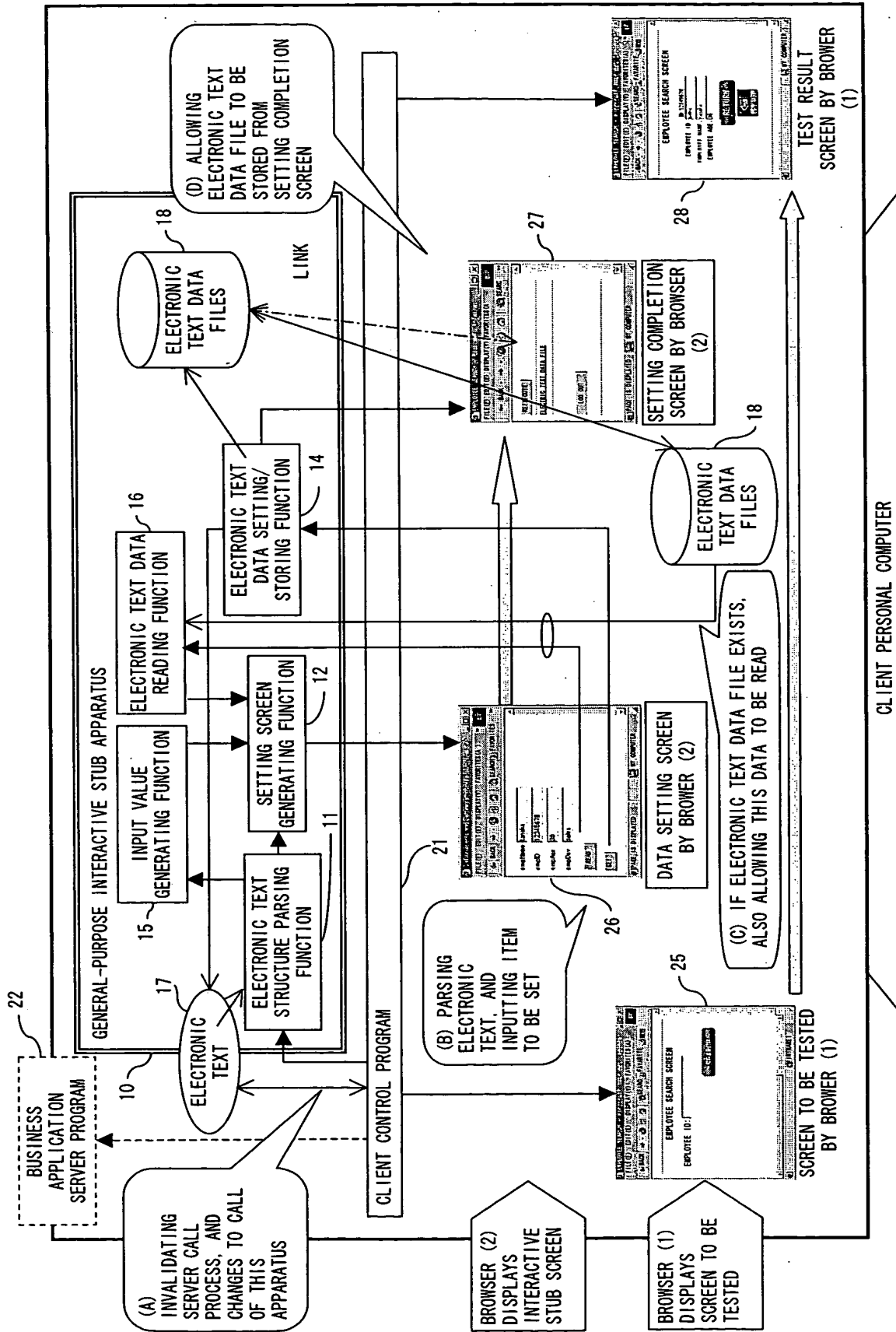


FIG. 5



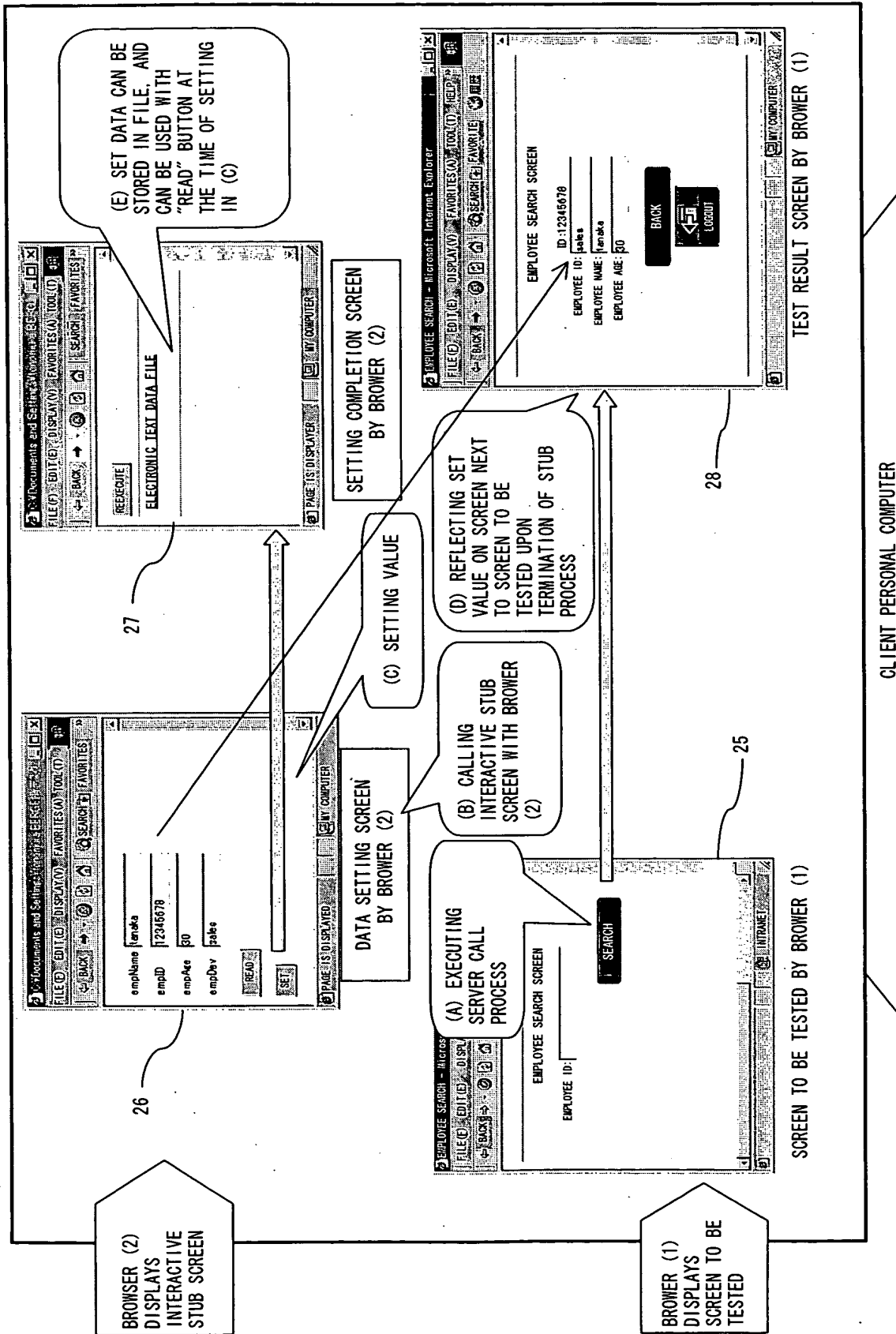


FIG. 7

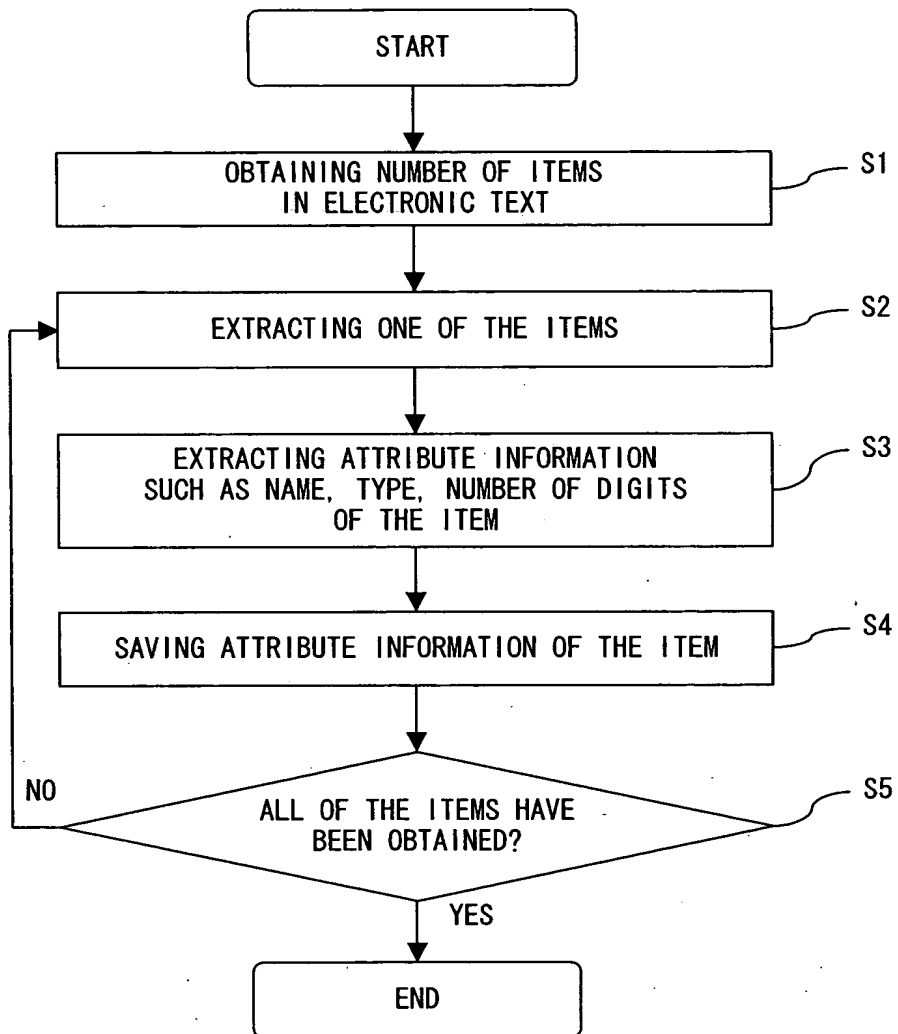


FIG. 8



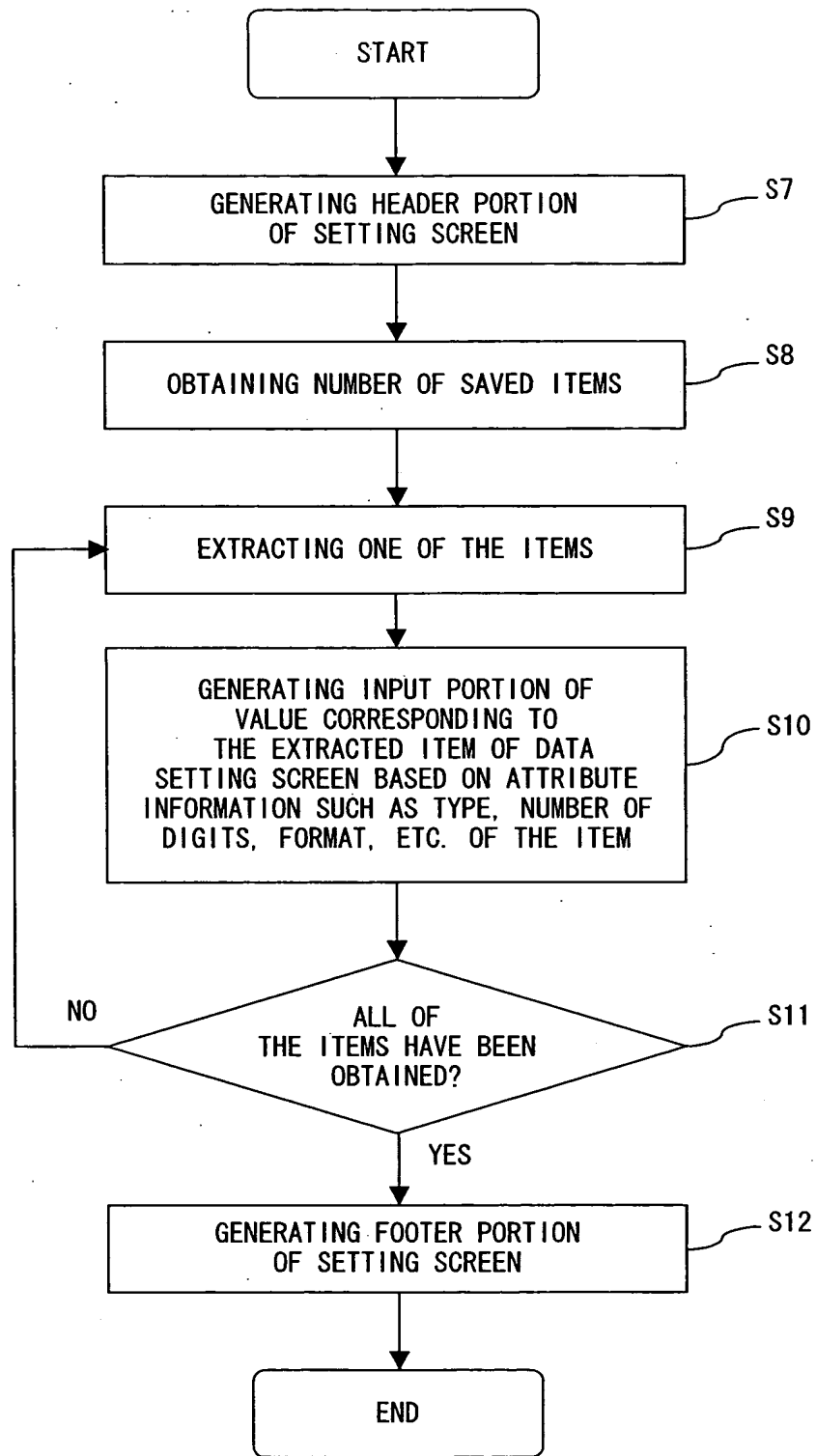


FIG. 9

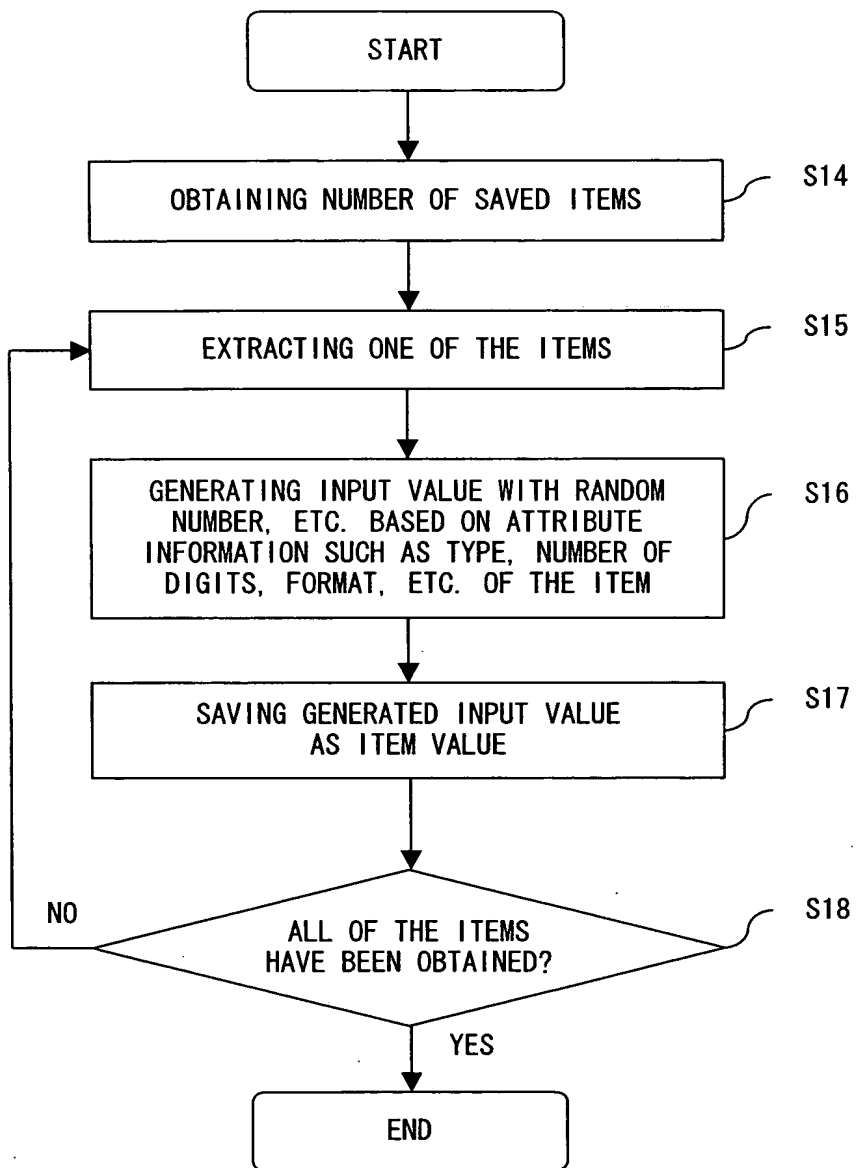


FIG. 10

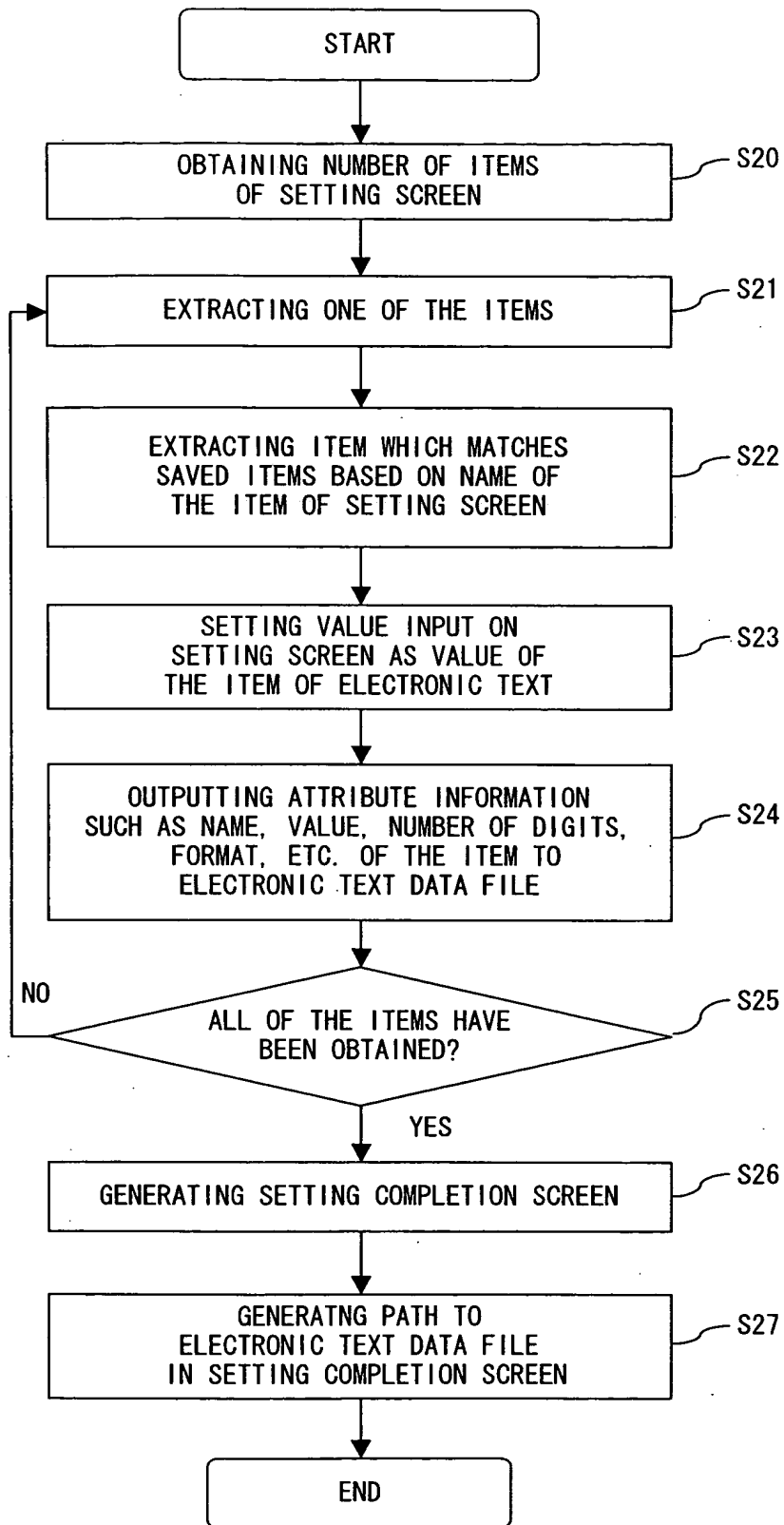


FIG. 11

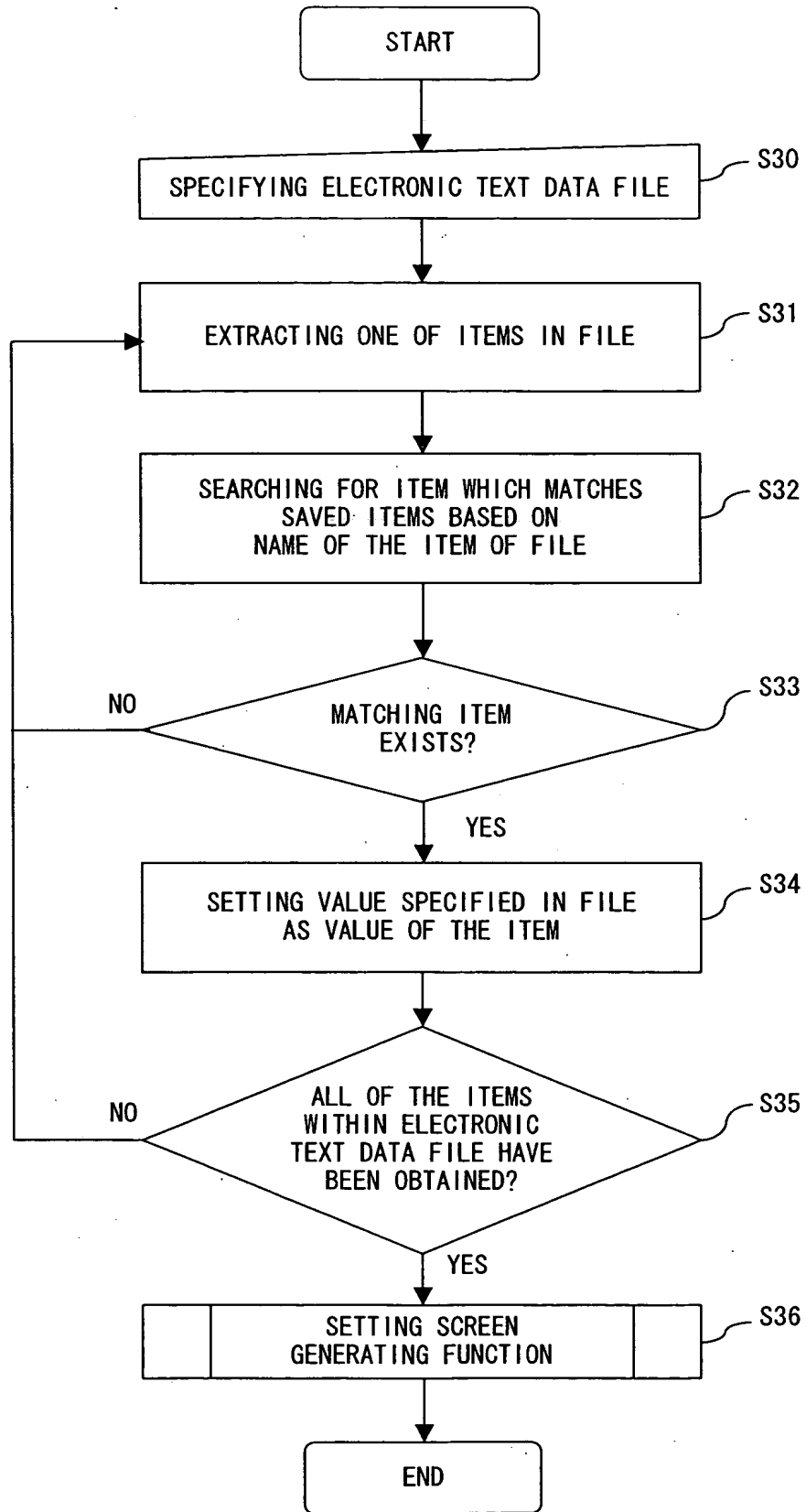


FIG. 12

SCREEN TO BE TESTED

25

EMPLOYEE SEARCH SCREEN

EMPLOYEE ID:

SEARCH

```
//PROCESS OF "SEARCH" BUTTON ON EMPLOYEE SEARCH SCREEN
public void EV_empsrch_1 (DispatchContext context) throws Exception {
    PageContext pc = getPageContext (context);
    //OBTAINMENT OF ELECTRONIC TEXT
    EmpsrchData pd = (EmpsrchData)pc.getPageData (MY_PAGE);
    // AUTOMATIC TRANSFER OF SCREEN DATA
    this.setAtPageDataFields (context,pd);
    // SERVER CALL PROCESS
    // CALLING GENERAL-PURPOSE INTERACTIVE STUB BECAUSE SERVER SIDE IS NOT COMPLETED
    DataEditor de = new DataEditor ();
    de.setData (pd, false);
    // SCREEN TRANSITION
    pc.setForwardPage (context, "empresult");
}
```

(1)

(2)

(3)

(4)

FIG. 13

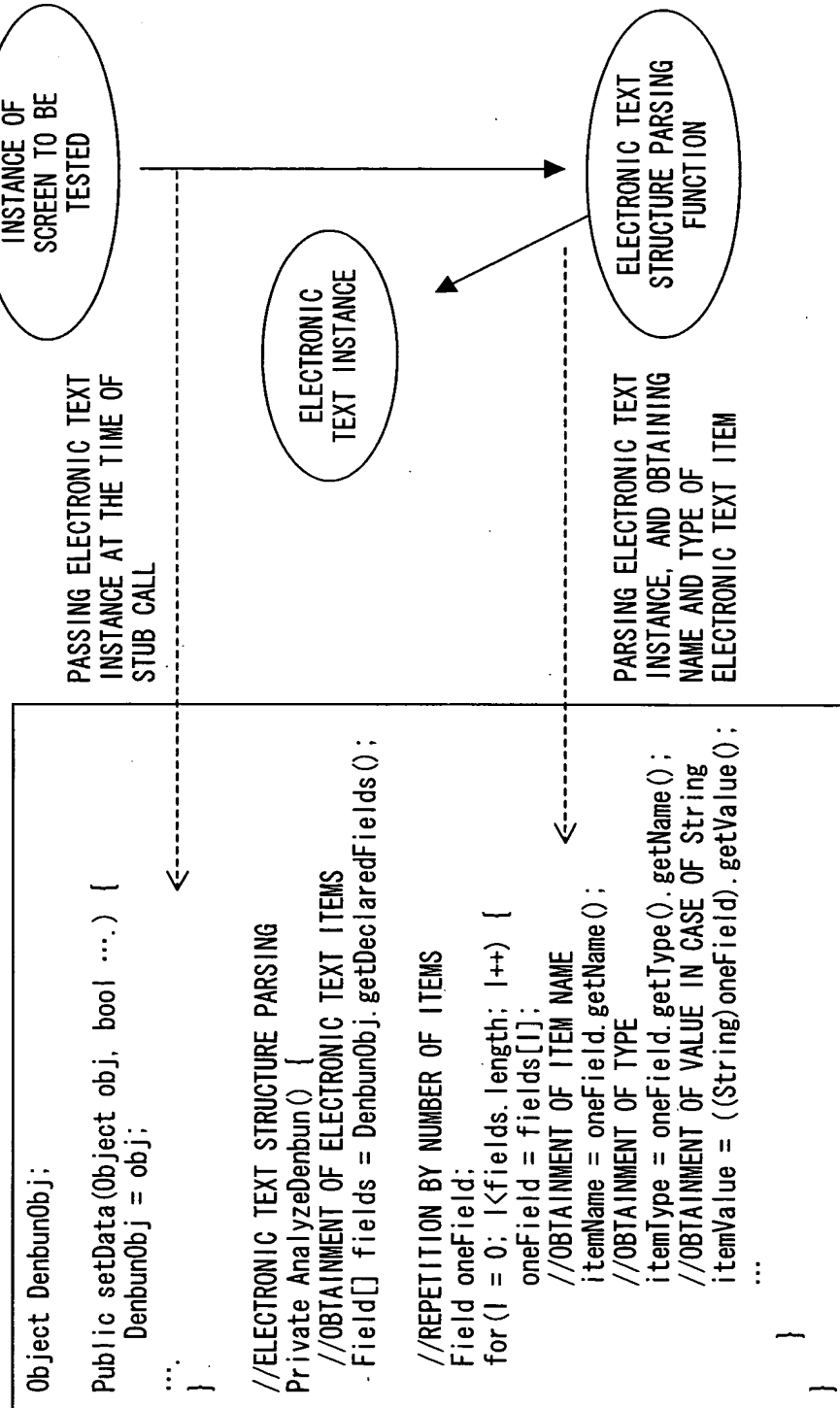


FIG. 14

```

ELECTRONIC TEXT DEFINITION WITH XML
<denbun>
  <item>
    <name>empID</name>
    <type>String</type>
    <size>8</size>
    <format>xxx99999</format>
    <value></value>
  </item>
  <item>
    <name>empDev</name>
    <type>String</type>
    <size>10</size>
    <format>xxxxxxxxxx</format>
    <value></value>
  </item>
  ...
</denbun>

```

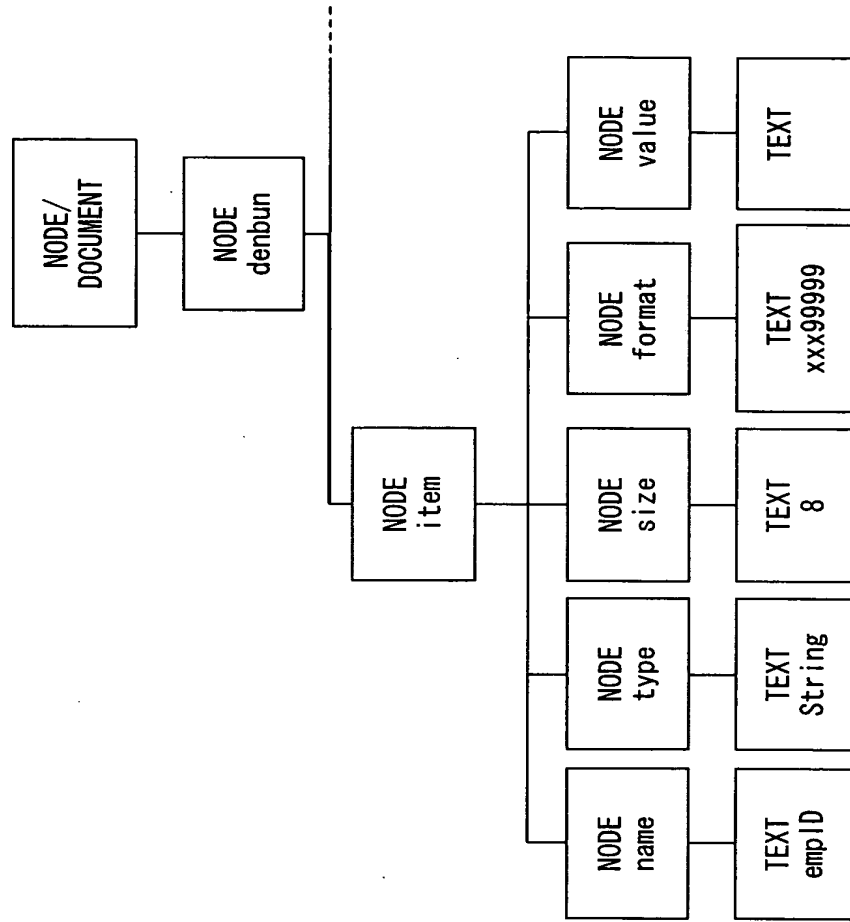


FIG. 15

```
//ELECTRONIC TEXT CLASS
public class EmpsrchData extends PageData {

    public String empID;
    public String empDev;
    public String empName;
    public int empAge;

    public EmpsrchData(String id,String dev, String name, int age) {
empID = id;
empDev = dev;
empName = name;
empAge = age;
    }
}
```

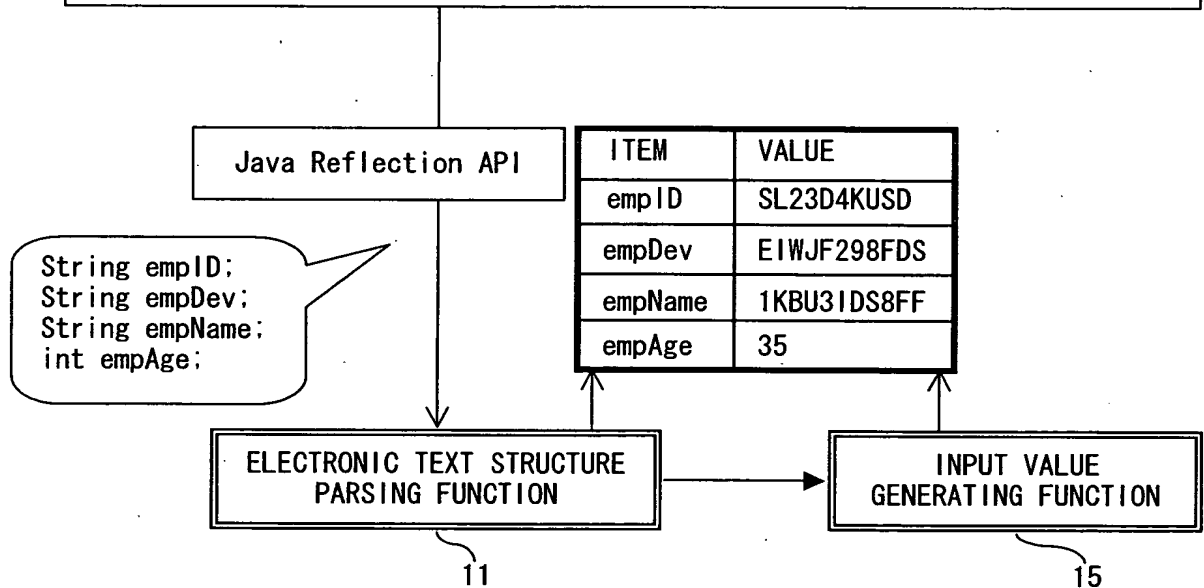


FIG. 16



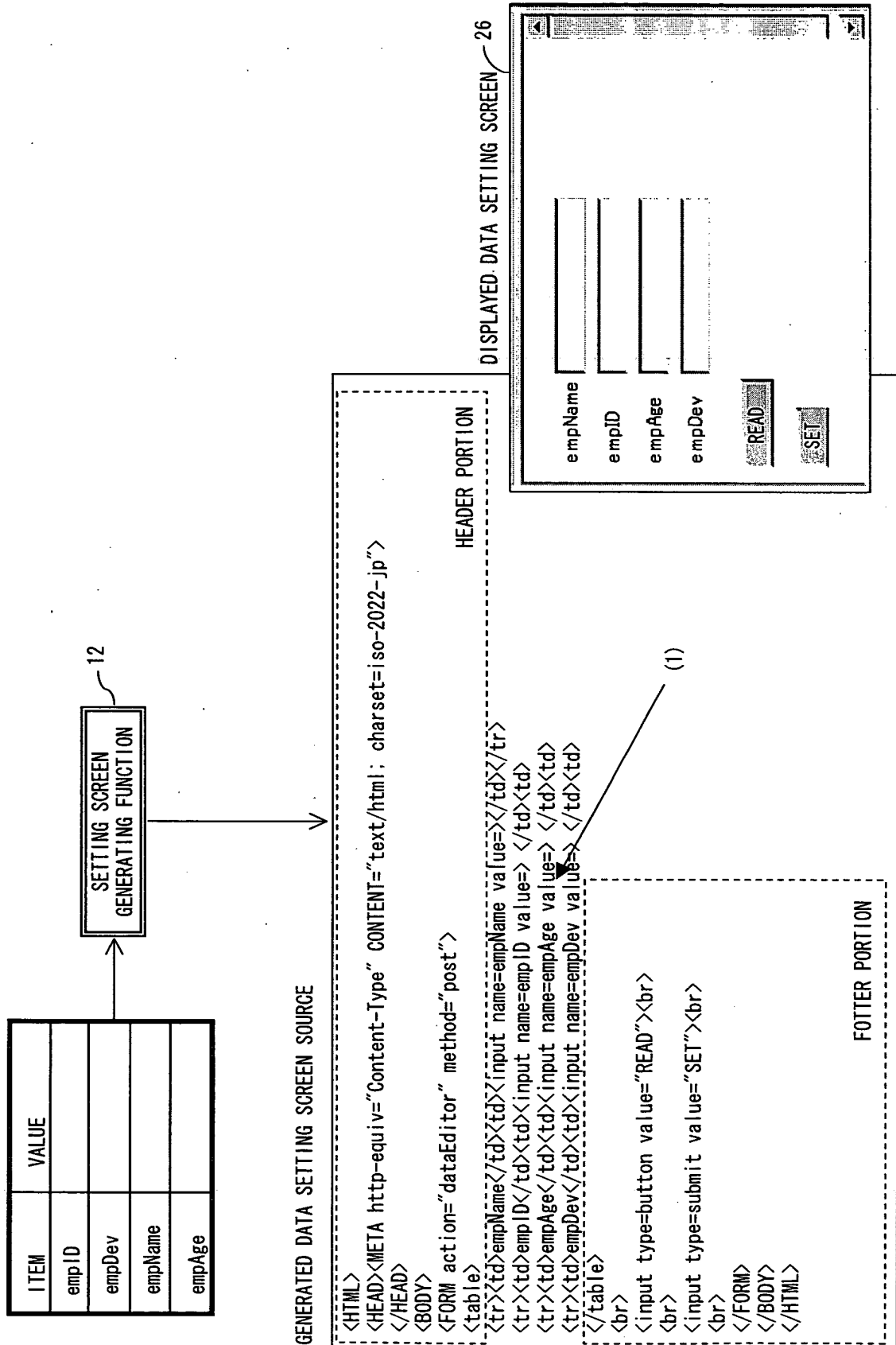


FIG. 17

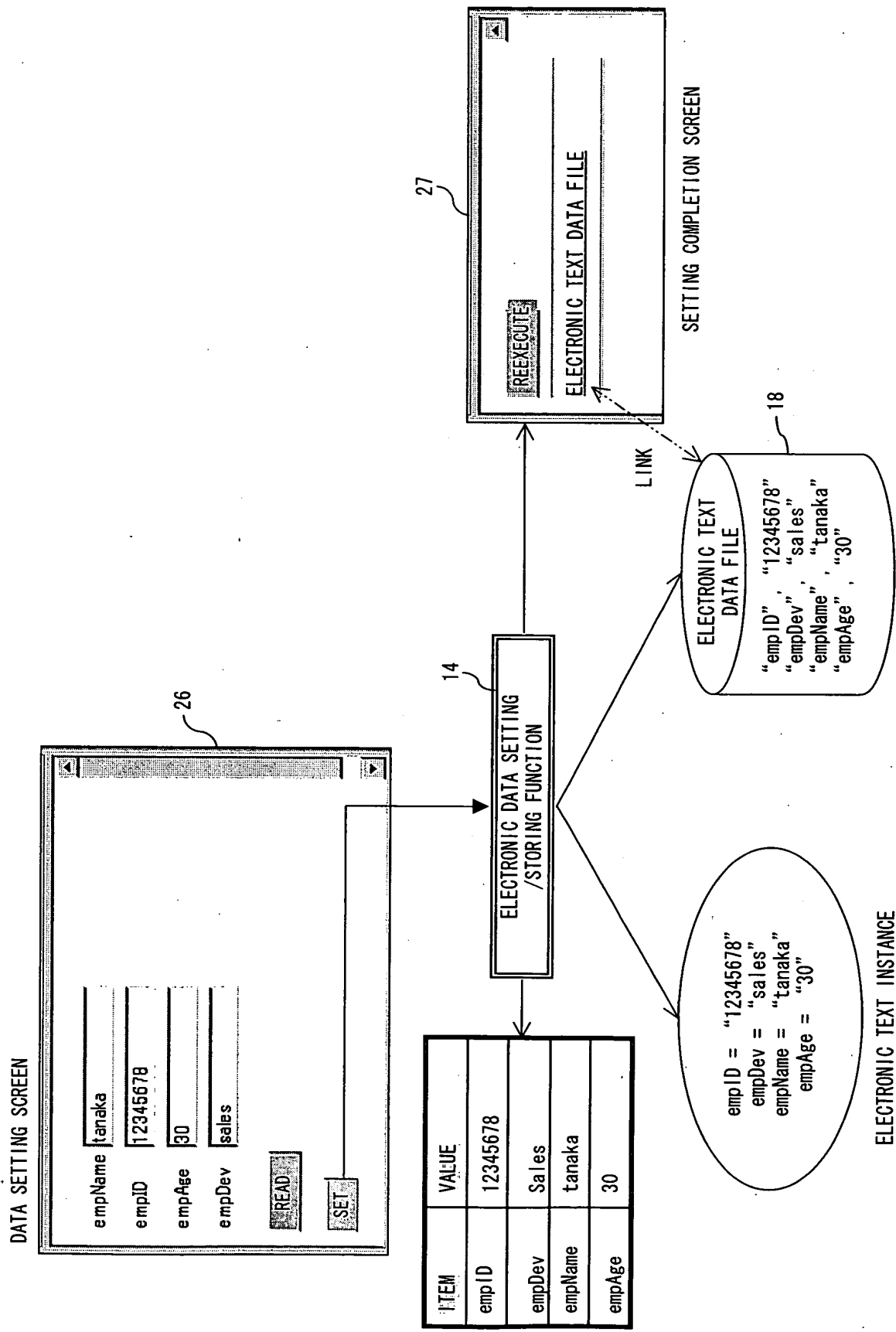


FIG. 18

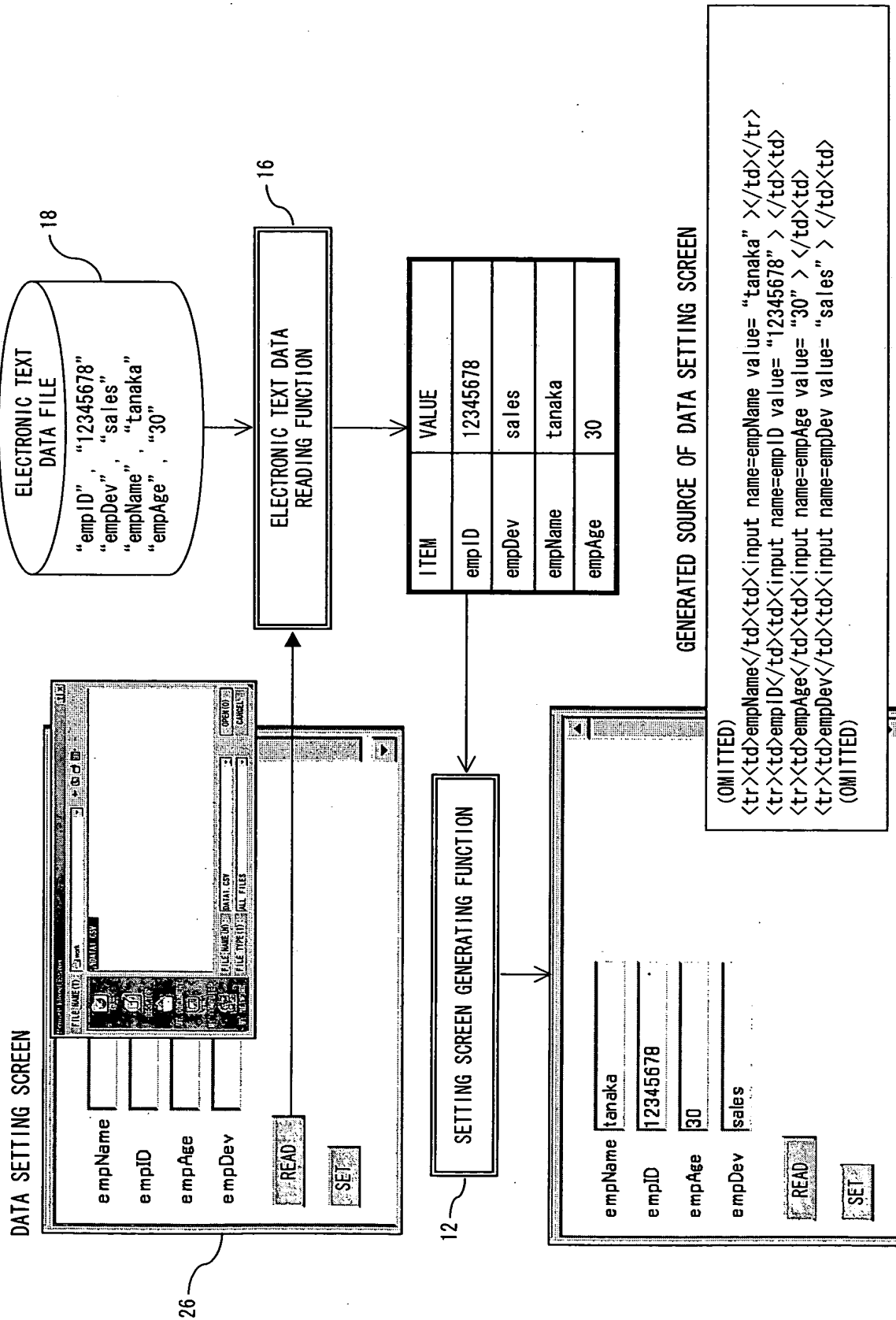


FIG. 19

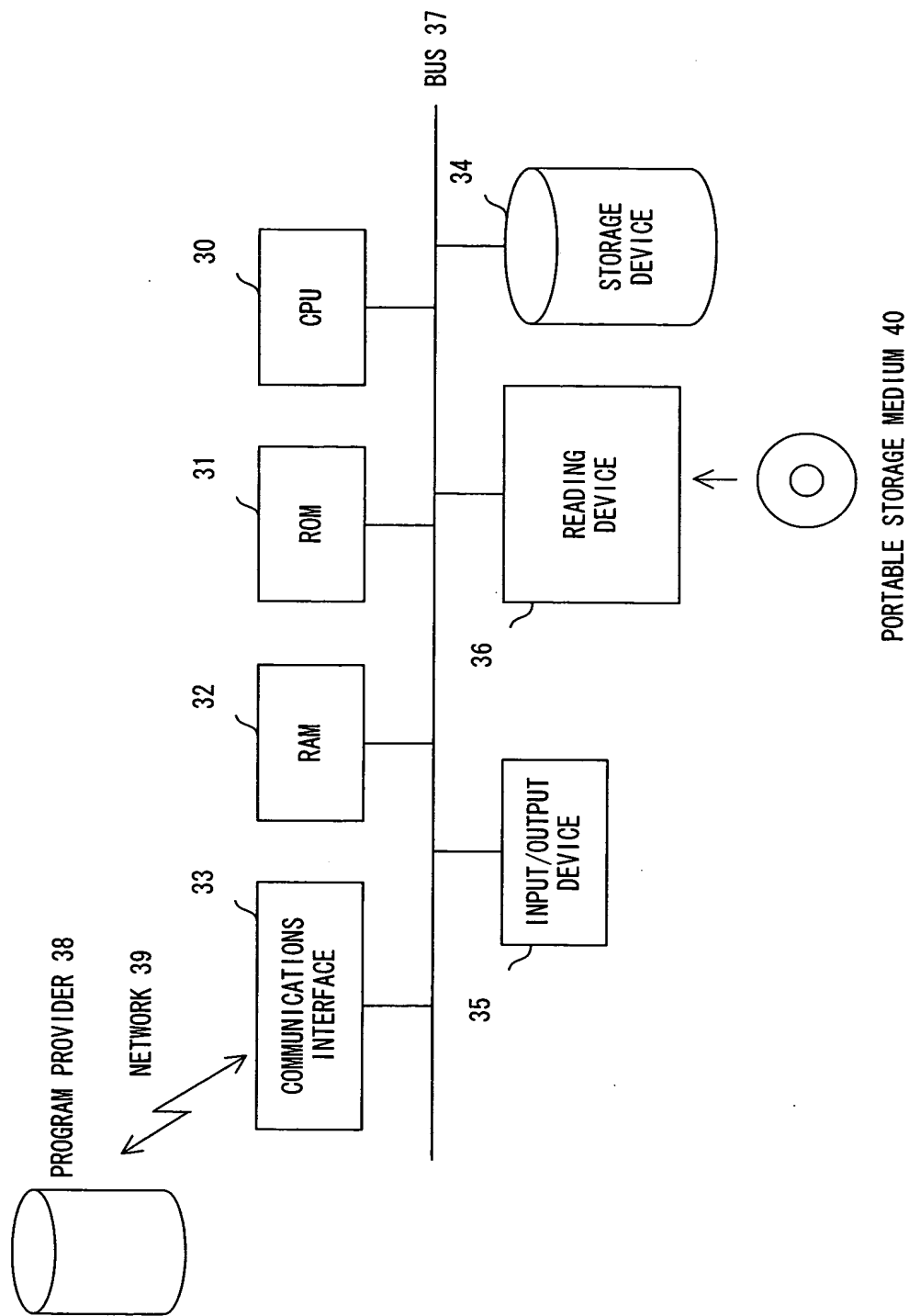


FIG. 20